

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Problem Image Mailbox.**

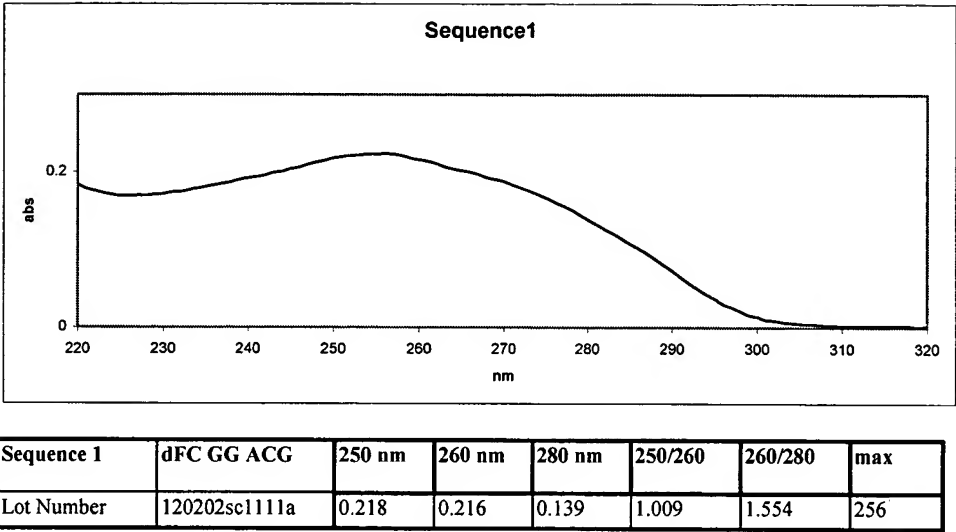


FIG. 1

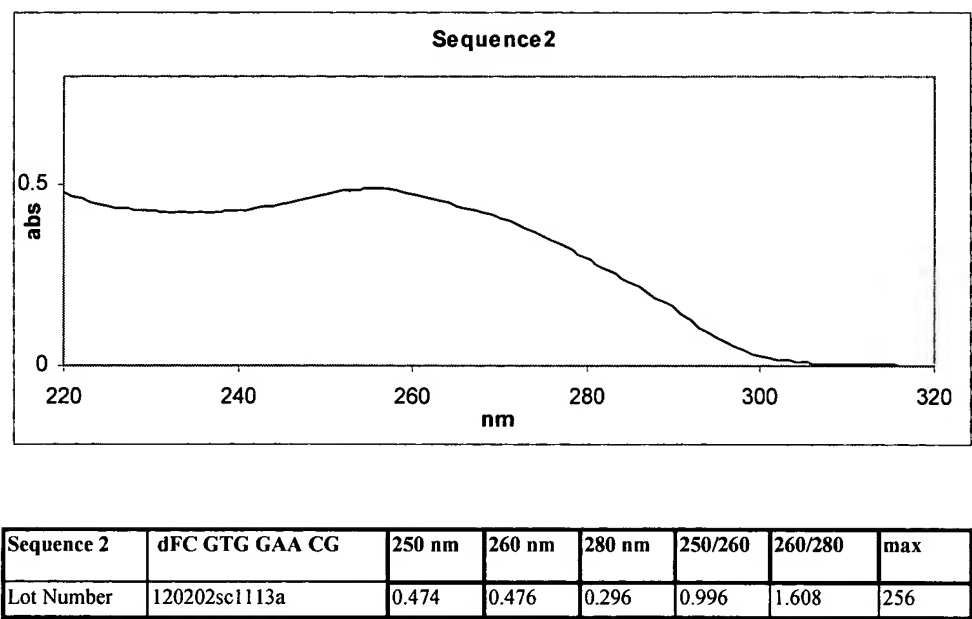
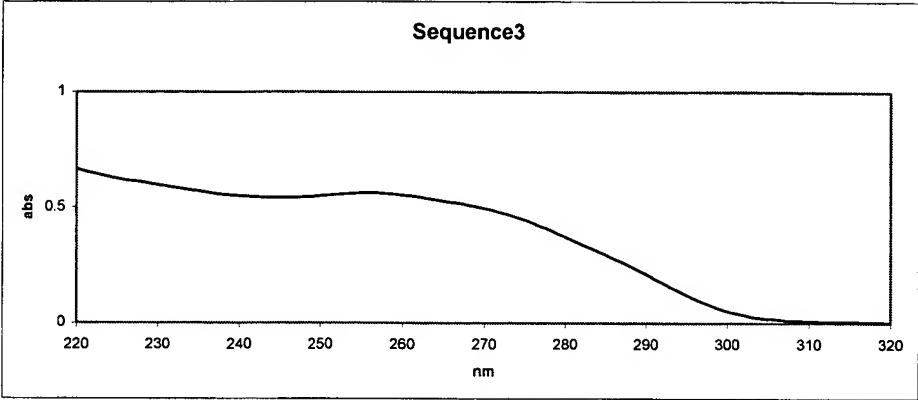
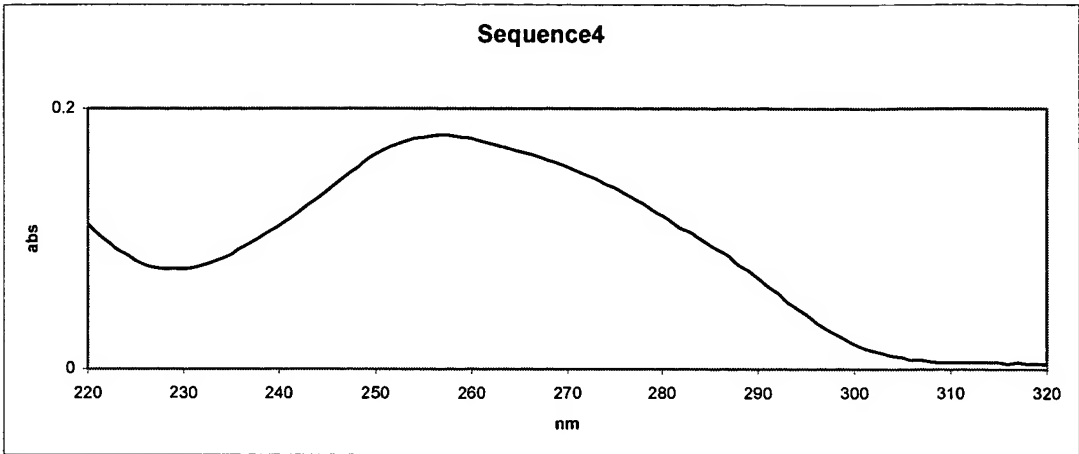


FIG. 2



Sequence 3	dFC GGA CGT GGA ACG	250 nm	260 nm	280 nm	250/260	260/280	max
Lot Number	I20302sc1117a	0.55	0.553	0.373	0.995	1.483	256

FIG. 3



Sequence 4	dFC GGA GCT GGA ACG	250 nm	260 nm	280 nm	250/260	260/280	max
Lot Number	l20402sc1119a	0.165	0.177	0.118	0.932	1.500	257

FIG. 4

Column: Hamilton PRP-1 (4.1x150 mm), P/N 79425

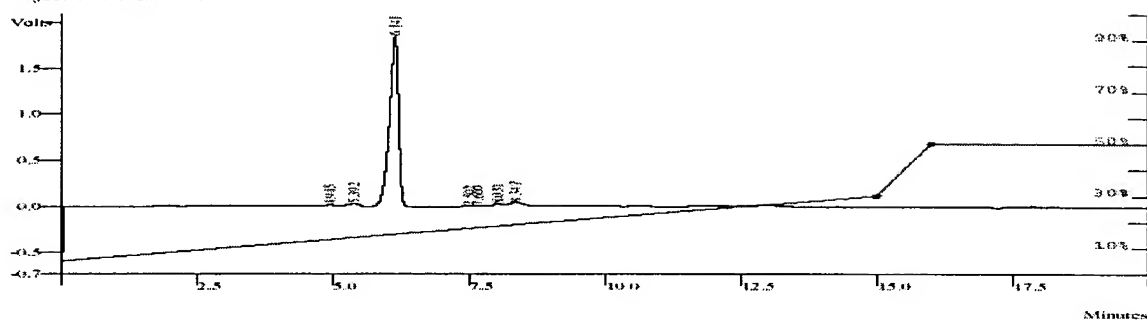
Detection: UV @ 260 nm, Sensitivity 0.002 AUFS

Mobile Phase: A: 0.1 M Triethyl ammonium acetate (pH 7.5) B: Acetonitrile

Gradient: 0 min 5%B

120202sc1111a: dFC GG ACG

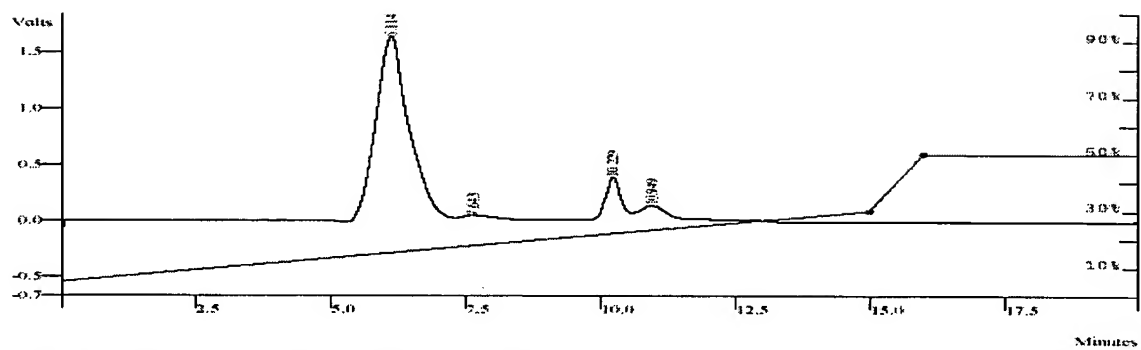
Injection Notes: 10 ul



Peak No	Ret Time (min)	Peak Name Result (%)	Peak Area (counts)	Peak Height (counts)	Group	Sep. Code
1	4.945	0.58	139521	12576	0	BV
2	5.392	2.02	486112	35915	0	VB
3	6.141	90.60	21751388	1865545	0	BB
4	7.502	0.85	204987	14410	0	BV
5	7.660	0.68	162070	13251	0	VV
6	8.031	1.64	394599	29908	0	VV
7	8.347	3.62	869972	48542	0	VB
Totals		99.99	24008648	2020147		

FIG. 5

120202sc1113a: dFC GTG GAA CG



Peak No	Ret Time (min)	Peak Name Result (%)	Peak Area (counts)	Peak Height (counts)	Group	Sep. Code
1	6.114	85.19	72523816	1647089	0	BB
2	7.643	1.09	924821	27270	0	TS
3	10.229	8.69	7400725	377325	0	BV
4	10.949	5.03	4278076	125992	0	VB
Totals		100.00	85127440	2177676		

FIG. 6

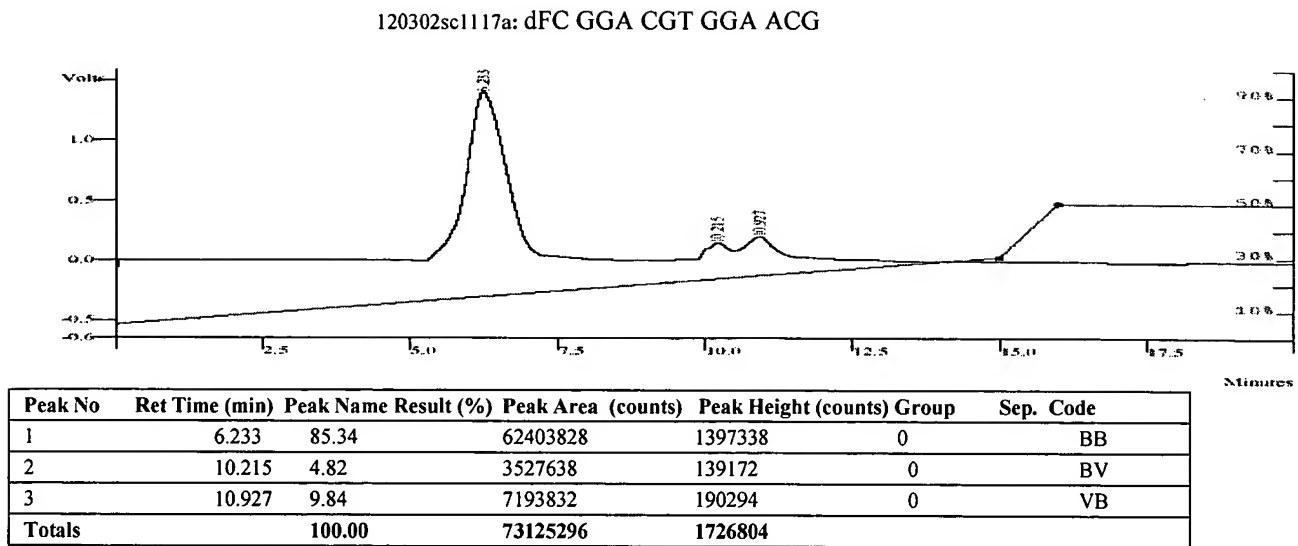
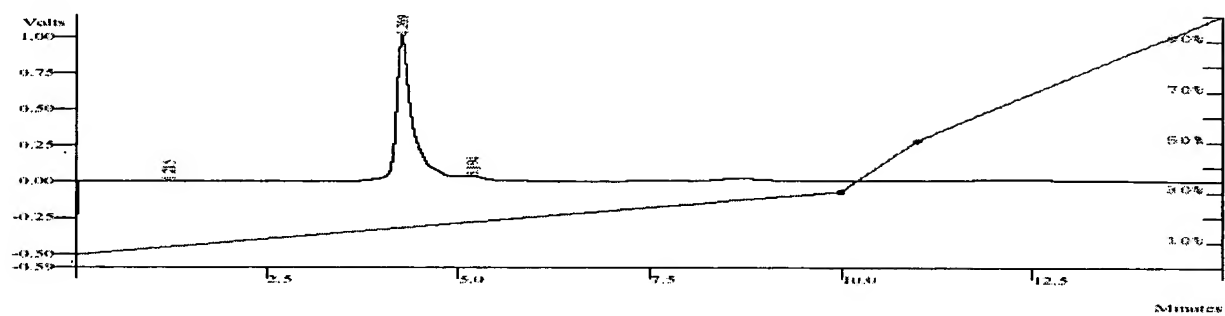


FIG. 7

120402sc1119a: dFC GGA GCT GGA ACG. UV 254

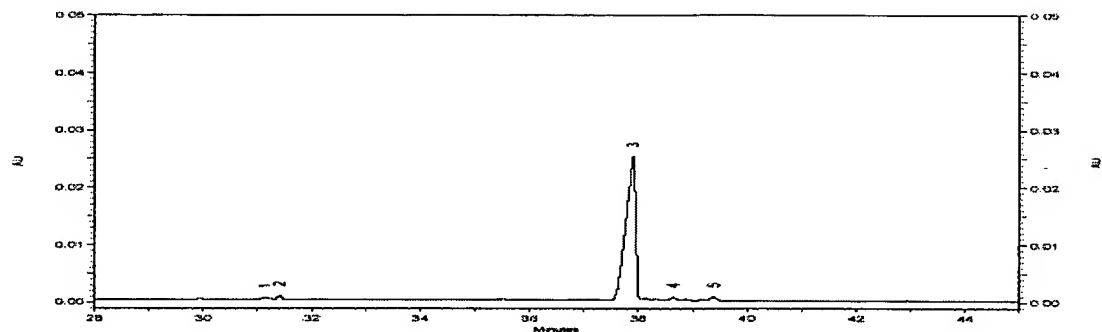


Peak No	Ret Time (min)	Peak Name	Result (%)	Peak Area (counts)	Peak Height (counts)	Group	Sep. Code
1	1.215	BB	0.27	36939	5231		0
2	4.269	BB	99.29	13551755	991073		0
3	5.194	BB	0.44	59924	7225		0
Totals			100.00	13648618	1003529		

FIG. 8

120202sc1111a: dFC GG ACG UV 254

Lot # 120202sc1111a



UV 254
Results

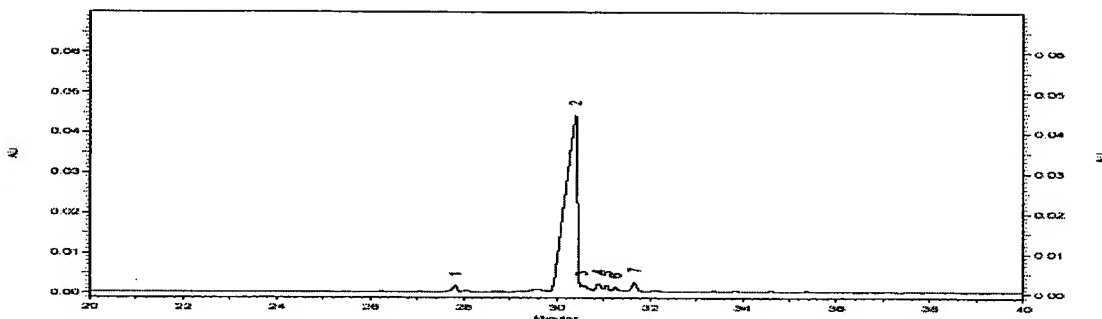
PK #	Migration Time	Area Percent
1	31.133	0.699
2	31.408	0.964
3	37.904	96.167
4	38.646	0.826
5	39.392	1.343
Totals		100.000
Sample concentration = 5.0 OD/ml: Injection time = 4.0 sec: Injection voltage = 10 kV: Separation voltage = 16 kV		

UV 254

FIG. 9

120202sc1113a: dFC GTG GAA CG

Lot # 120202sc1113a



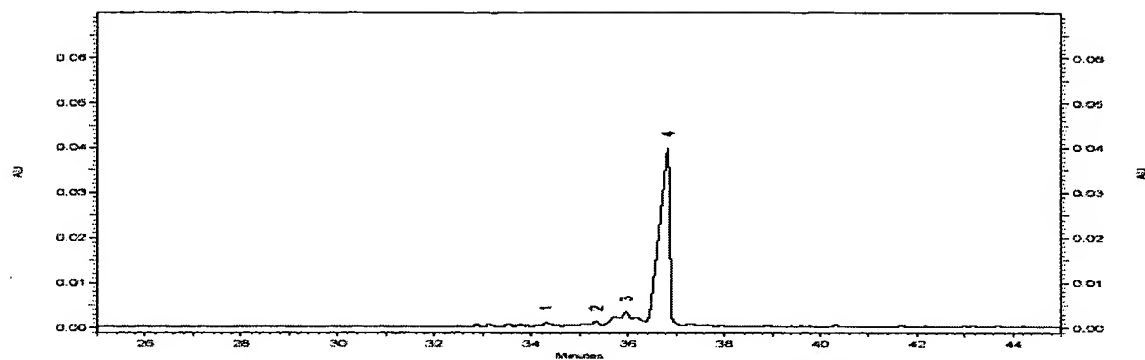
Pk #	Migration Time	Area Percent
1	27.813	1.206
2	30.400	94.869
3	30.538	0.369
4	30.892	0.748
5	31.071	0.424
6	31.258	0.530
7	31.667	1.854
Totals		100.000

Sample concentration = 5.0 OD/ml: Injection time = 4.0 sec: Injection voltage = 10 kV: Separation voltage = 16 kV

FIG. 10

120302sc1117a: dFC GGA CGT GGA ACG

Lot # 120302sc1117a

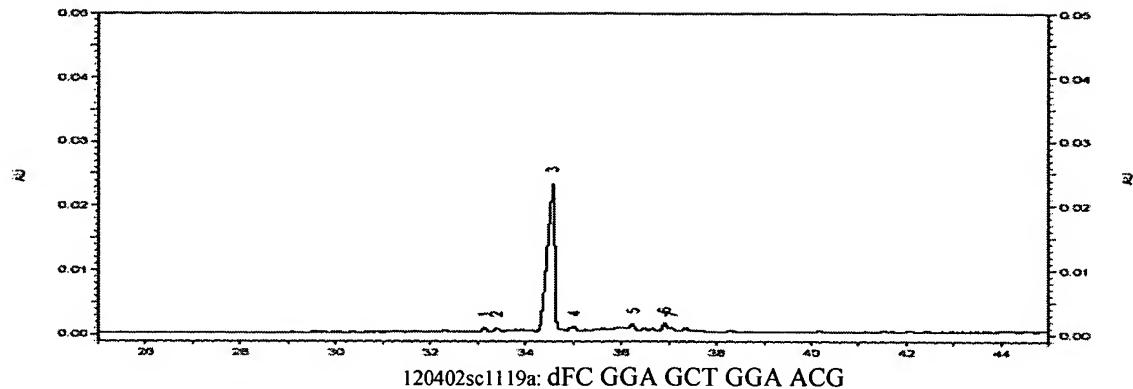
UV - 254nm
Results

Pk #	Migration Time	Area Percent
1	34.308	0.996
2	35.342	0.858
3	35.958	5.222
4	36.825	92.923
Totals		100.000

Sample concentration = 5.0 OD/ml : Injection time = 4.0 sec: Injection voltage = 10 kV: Separation voltage = 16 kV

FIG. 11

Lot # 120402sc1119a



UV - 254nm

Results

Pk #	Migration Time	Area Percent
1	33.142	1.103
2	33.400	1.195
3	35.029	1.717
5	36.246	1.132
6	36.913	1.842
7	37.054	0.473
Totals		100.000

Sample concentration = 5.0 OD/ml: Injection time = 4.0 sec: : Separation voltage = 16 kV

FIG. 12

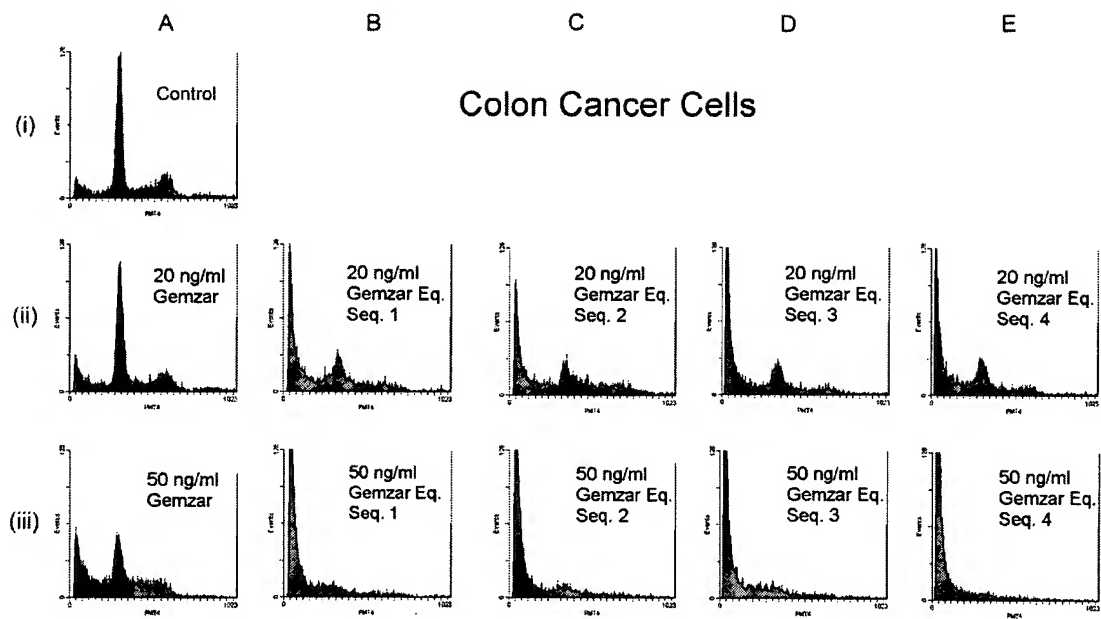


FIGURE 13

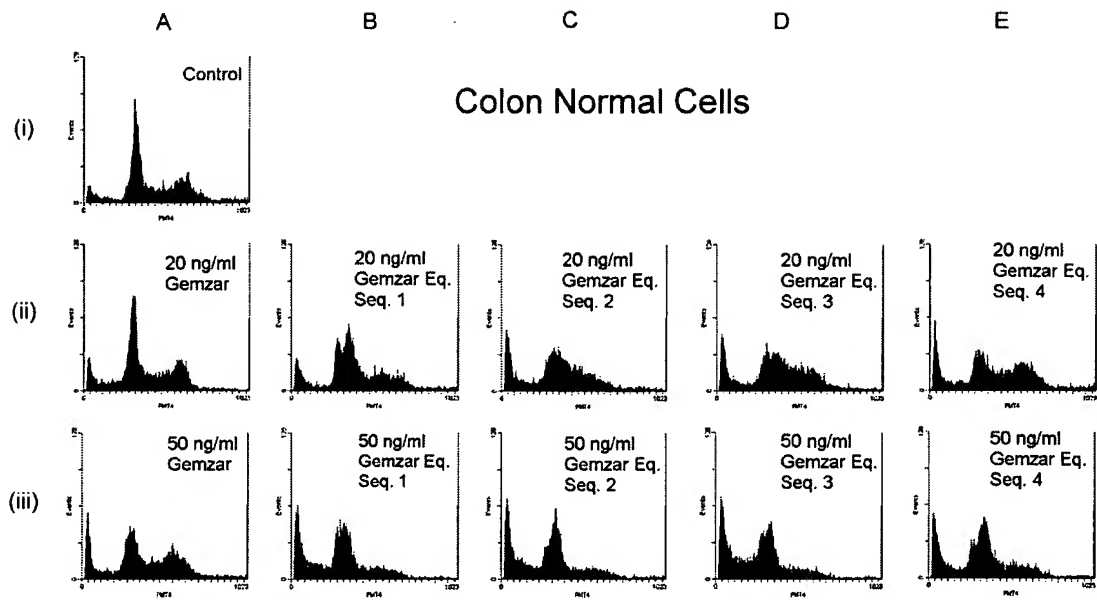


FIGURE 14